

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of

Amendment of Section 73.202(b)
Table of Allotments,
FM Broadcast Stations,
Channel 247C3 (97.3 mHz)
MOBERLY, MISSOURI

TO: Chief, Allocations Branch
Mass Media Bureau

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JUL 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

PRM 93 MM

PETITION FOR RULE MAKING

KWIX Inc. (hereafter Petitioner), by its attorneys, and pursuant to Sections 1.401 and 1.420 of the Commission's rules, hereby requests the Commission to amend Section 73.202(b) of its rules, the FM Table of Allotments, to allot Channel 247C3 (97.3 mHz) at Moberly, Missouri. In support thereof, the following is stated.

1. There is annexed hereto a channel allocation study prepared by Sisk Engineering, Inc., which demonstrates that Channel 247C3 may be allotted to Moberly, Missouri without a site restriction and in full compliance with the minimum distance separation and principal community coverage requirements of the rules (Ibid., Figures 1-4).

2. Moberly is located in Randolph County approximately 30 miles north of Columbia, Missouri. Moberly has a population of 12,839 and Randolph County a population of 24,370 (1990 Census). Moberly is presently served by three local radio stations: standard broadcast Station KWIX which operates fulltime on 1230 kHz

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with power of 1 KW, FM broadcast Station KRES which operates on 104.7 MHz with effective radiated power (ERP) of 100 KW and height above-average terrain (HAAT) of 1,025 feet (both licensed to Petitioner) and FM broadcast Station KZZT, which operates on 105.5 MHz with ERP of 25 KW and HAAT of 328 feet. The proposed Channel 247C3 allocation would provide a fourth aural transmission service to Moberly. The proposed allocation will, therefore, advance the objectives of Section 307(b) of the Communications Act of 1934, as amended, and the Commission's FM allocation policies.

3. Petitioner hereby states that if the Commission grants this petition, it will apply for the channel when it is allotted, and, if its application is granted, it will promptly build the station.

WHEREFORE, for the foregoing reasons, Petitioner respectfully requests the Commission to grant this petition and to allot Channel 247C3 to Moberly, Missouri.

Respectfully submitted,

KWIX INC.

By:


John E. Florini III
James K. Edmundson

GARDNER, CARTON & DOUGLAS
1301 K Street, N.W.
Suite 900, East Tower
Washington, D.C. 20005
(202) 408-7159

DATED: July 16, 1993
[65881-001\57440]

PROPOSED RULE MAKING
FM CHANNEL 247 C3
MOBERLY, MISSOURI

INTRODUCTION:

KWIX Inc. hereby requests that the Federal Communications Commission amend the FM Table of Assignments 73.202 (b), by adding channel 247 C3 to Moberly, Missouri. As shown in the attached Figures 1 - 4, this addition to the Federal Communications Commission Table of Assignments can be accomplished with no other changes, and will not create any new preclusion area.

DISCUSSION:

Figure 1 is a computer tabulated separation clearance study which illustrates the channel meets all the restraints placed upon it by 73.202 with 80-90 considerations involved.

Figure 2 is a computer generated map which shows that channel 247 C3 can be utilized at Moberly, Missouri.

Figure 3 is a tabulation of the contours which is necessary to illustrate that the proposed hypothetical site could produce the required signal strength taking into consideration the terrain around Moberly. This exhibit contains the following information, the average elevation in the 3 to 16 kilometer area from this site, effective antenna height utilizing the maximum Class C3 facility, and the distance to the 60 and 70 d.b.u. contours.

Figure 4 illustrates that Channel 247 C3 can readily comply with the requirements of 47 CFR 73.315.

CONCLUSION:

Based on this information, and the figures that are included in this Report, we believe that the proposed assignment would be in full compliance with the Federal Communications Commission's Rules.

The Petitioner, KWIX Inc., therefore, requests amendment of the Commission's Table of Assignments 73.202 (b), and will promptly apply for a construction permit, if the Federal Communications Commission makes the requested assignment.

Sisk Engineering, Inc. assumes no liability for any errors or omissions in the information hereby provided, and shall not be liable for any injuries or damages (including consequential) which might result from use of this engineering report. Sisk Engineering, Inc. assumes no liability for this report if it is accepted or rejected by the Federal Communications Commission. The Applicant agrees with these stated terms and conditions or this report is considered null and void and is not to be utilized in any way or filed with the Federal Communications Commission.


Olvie E. Sisk

Date: April 28, 1993

CERTIFICATION

I, Olvie E. Sisk, do hereby certify under penalty of perjury;

That my qualifications in telecommunications matters are a matter of record before the Federal Communications Commission having been presented and accepted upon many occasions in the past;

That I am a consultant doing business at Fulton, Mississippi, specializing in technical topics pertaining to the broadcast industry and the associated RF transmission systems;

That I have been retained by KWIX Inc. to perform certain technical studies and prepare this report of same;

That the accompanying technical report and exhibits were prepared by me personally or under my immediate personal supervision and that all information presented therein is true and correct of my own knowledge and belief.

/s/ Olvie E. Sisk
Olvie E. Sisk

Executed on April 28, 1993

SUMMARY:

1. NAME OF APPLICANT: KWIX Inc.
2. STATION LOCATION: MOBERLY, MISSOURI
3. HYPOTHETICAL COORDINATES - 39-24-11
92-14-28
4. FACILITIES REQUESTED: CHANNEL 247 C3
5. EFFECTIVE RADIATED POWER: 25 KW
6. HEIGHT OF ANTENNA RADIATION CENTER: 100 M (HAAT)
7. FIGURE 1 - SEPARATION & CLEARANCE STUDY
8. FIGURE 2 - COMPUTER GENERATED MAP
9. FIGURE 3 - TABULATED DISTANCE TO CONTOURS
10. FIGURE 4 - CITY GRADE & 60 DBU CONTOUR

SISK ENGINEERING

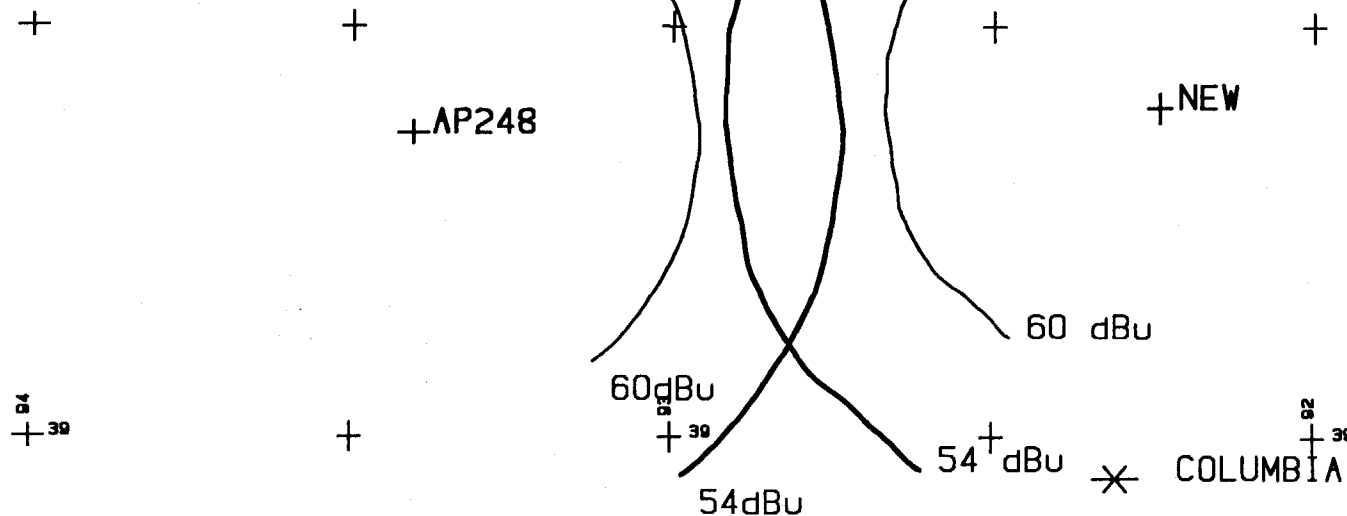
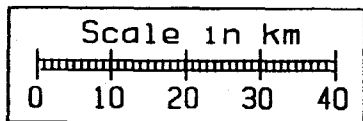
P.O. Box 549 - Fulton MS - 601 862-2233

MOBERLY MO.

REFERENCE	CLASS C3	DISPLAY DATES
39 24 11 N		DATA 02-24-93
92 14 28 W	Current rules spacings	SEARCH 04-17-93
----- CHANNEL 247 - 97.3 MHz -----		

CALL	CH#	CITY	STATE	BEAR'	D-KM	R-KM	MARGIN
ALOPEN	248C3	Malta Bend	MO	256.7	99.35	99.0	0.35
AP248	248C3	Malta Bend	MO	267.7	100.22	99.0	1.22
KXOKFM	246C1	Florissant	MO	117.9	148.05	144.0	4.05
KCMQ	244A	Columbia	MO	187.1	48.79	42.0	6.79
KCMQ.C	244A	Columbia	MO	187.1	48.79	42.0	6.79
KCMQ.A	244C3	Columbia	MO	183.1	49.81	43.0	6.81
AD244	244C1	Columbia	MO	172.9	86.74	76.0	10.74
WBBAFM	248B1	Pittsfield	IL	80.9	125.72	114.0	11.72
KICKFM	250C2	Palmyra	MO	65.3	70.97	56.0	14.97
KXUS.C	247C	Springfield	MO	195.5	255.41	237.0	18.41
KICKFM	250C2	Palmyra	MO	58.3	74.87	56.0	18.87
DE244	244C3	Columbia	MO	198.3	66.29	43.0	23.29
KCMQ.C	244C3	Columbia	MO	198.3	66.29	43.0	23.29
KOSY.C	246C3	La Monte	MO	236.0	124.26	99.0	25.26
KOSY.A	246C3	La Monte	MO	236.0	124.26	99.0	25.26
KZBK.A	245C2	Brookfield	MO	304.0	86.85	56.0	30.85
KZBK.C	245C2	Brookfield	MO	304.0	86.89	56.0	30.89
KXUS.A	247C1	Springfield	MO	195.5	255.41	211.0	44.41
KZBK	249A	Brookfield	MO	304.0	86.94	42.0	44.94
KXUS.A	247C1	Springfield	MO	200.8	256.89	211.0	45.89
KXUS	247C1	Springfield	MO	200.8	256.89	211.0	45.89

EXHIBIT 2



NEW 247C3 - 25kW

AP248 - BPH920616MA

248C3 - 3.4kW

TERRAIN AND CONTOUR DATA
MOBERLY MO.

ERP = 25 kW
FM - 2-6 Tables

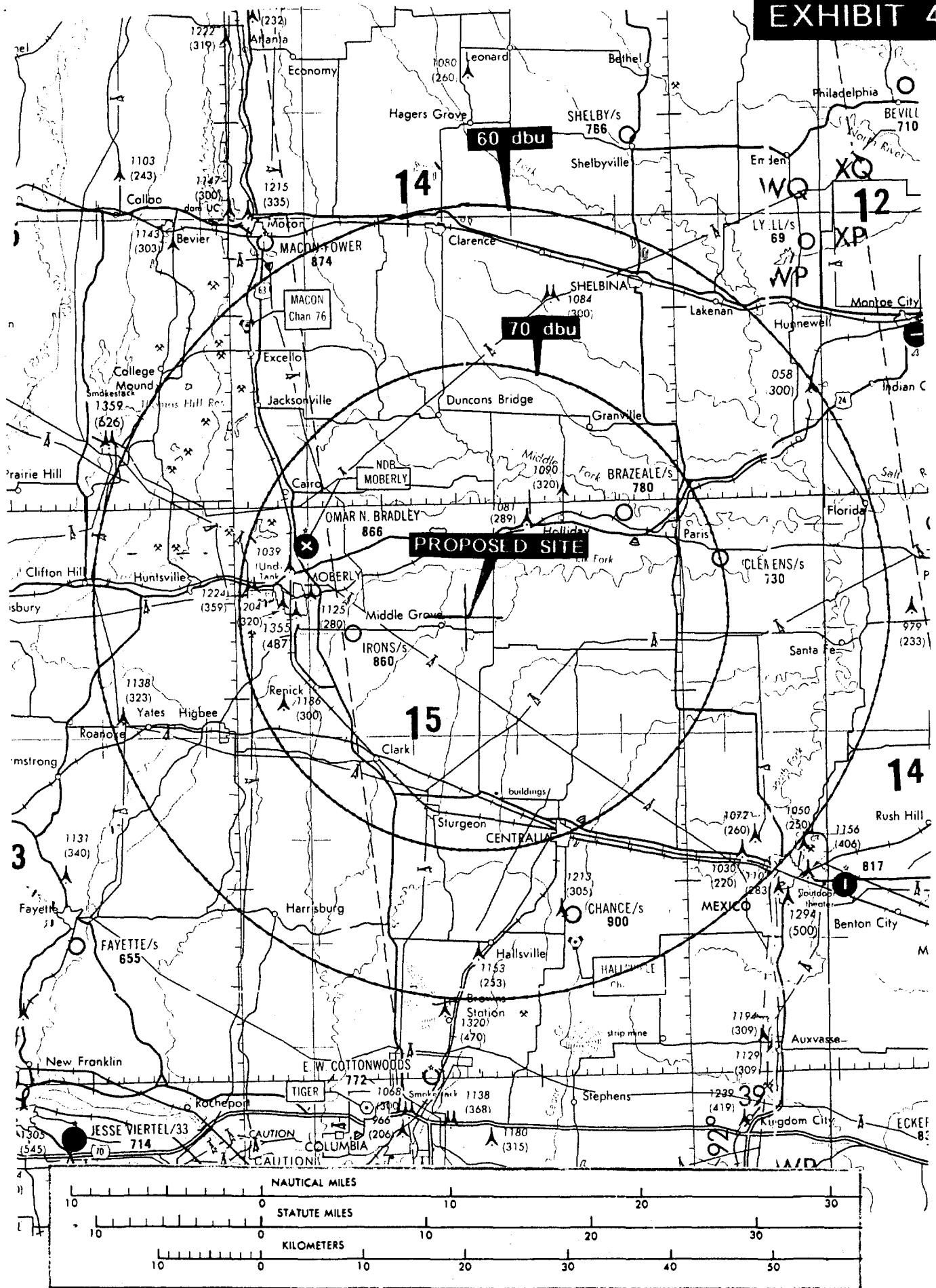
Azimuth Deg T.	Ave. Elev. 3 to 16 km Meters AMSL	Effective Antenna Height Meters AAT	ERP (dBk)	F(50-50) Distance to 70 dBu Contour km	F(50-50) Distance to 60 dBu Contour km
0	230.1	108.4	13.979	24.1	40.4
45	227.2	111.3	13.979	24.4	40.8
90	223.0	115.5	13.979	24.8	41.4
135	239.1	99.4	13.979	23.2	39.0
180	245.6	92.9	13.979	22.4	37.9
225	250.8	87.7	13.979	21.8	36.9
270	248.7	89.8	13.979	22.0	37.3
315	243.5	95.0	13.979	22.7	38.2

Ave. =	238.5 M	100.0 M			
Antenna Radiation Center AMSL = 338.5 M					

Geographic Coordinates:

North latitude: 39 24 11
West longitude: 92 14 28

EXHIBIT 4



CERTIFICATE OF SERVICE

I, Virginia L. Davidson, a secretary in the law offices of Gardner, Carton & Douglas, do hereby certify that true copies of the foregoing "PETITION FOR RULE MAKING" were sent July 16, 1993, by first-class United States mail, postage prepaid, or as indicated by hand to the following:

Michael C. Ruger, Chief
Allocations Branch
Policy and Rules Division
Mass Media Bureau
Federal Communications Commission
2025 M Street, N.W., Room 8318
Washington, D.C. 20554
(BY HAND)


Virginia L. Davidson